



COREPLAST DPHP

CHEMICAL NAME Bis(2-propylheptyl) phthalate

Molecular Formula C₂₈H₄₆O₄

Cas No 53306-54-0

Einecs No 258-469-4

PRODUCT FEATURES

- ✓ The ultimate weather resistant & durable C10 plasticizer.
- ✓ Higher extrusion rates and a lower cost per cubic meter.
- ✓ Superior UV resistance for an extended outdoor life.
- ✓ Low volatility for greater durability.
- ✓ Low water absorption for added weather resistance.
- ✓ Low migration for a stable longer life performance.
- ✓ Increases extrusion rates by 2-3% compared to C8-9 plasticizers.
- ✓ Anti-fogging for a clean, safe and crisp appearance.

USE AREA

- ✓ Plasticizer for PVC
- ✓ Films
- ✓ Sheets
- ✓ Wires and Cables for PVC and PVC copolymers

MKS DevO Chemicals

Istanbul Head Office:

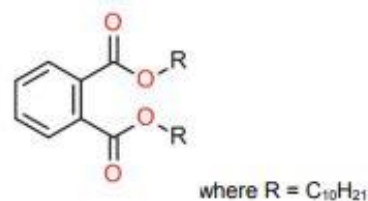
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Dipropylheptyl Phthalate Ester

STRUCTURE



PHYSICAL PROPERTIES

Analysis	Standard Method	Unit	Standard
DPHP Ester Content	GC	%	Min. 99,50
% Water	Karl Fischer	%	Max. 0,05
%Acid Number	ASTM D-1045	mg KOH/gm	Max. 0,10
Color APHA	ASTM D-5386	Hazen	Max. 25
Specific Gravity @ 25 °C	TS 1724 EN ISO 1675	g/cm ³	0,98-0,99
Flash Point	ASTM D-92 Open cup	°C	Min. 210
Odor			Specific

SAFETY

Based on toxicity studies, **COREPLAST DPHP** has a low order of toxicity and does not require special handling. Handle in accordance with good industrial hygiene and safety practices. Avoid eye contact by wearing personal protective equipment. If eye contact occurs, wash with flowing water and contact physician.

Avoid repeated or prolonged skin contact. Avoid breathing vapors by providing adequate ventilation. Always refer to the Safety Data Sheet (SDS) for detailed information on safety.

PACKAGE

COREPLAST DPHP is available in bulk, tank trucks, IBC tanks or barrels.

STORAGE

COREPLAST DPHP can be stored for one year at temperatures below 40°C, if moisture is excluded.